

"Express Mail" Label No. EV 829161023 US
Date of Deposit June 13, 2006

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By: Sara B. McPeak
Sara B. McPeak



PATENT
Attorney Docket No.: 21756-011800
Client Reference No.: OID-2005-161-10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Francisco J. Villavicencio et al.

Application No.: 09/886,515

Filed: June 21, 2001

For: AUTHORIZATION SERVICES
WITH EXTERNAL AUTHENTICATION

Confirmation No.: 5483

Examiner: Ronald Baum

Art Unit: 2136

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER
37 CFR §1.97 and §1.98**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



William J. Daley
Reg. No. 52,471

Date: June 13, 2006

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 303-571-4000
Fax: 303-571-4321
WJD:ng

60795152 v1



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

11

Complete if Known

| | |
|----------------------|----------------------------|
| Application Number | 09/886,515 |
| Filing Date | June 21, 2001 |
| First Named Inventor | Francisco J. Villavicencio |
| Art Unit | 2136 |
| Examiner Name | Ronald Baum |

Attorney Docket Number 021756-011800US

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
| | A1 | US-4,484,306 | 11-20-1984 | Kulczyckyj et al. | |
| | A2 | US-4,956,769 | 09-11-1990 | Smith | |
| | A3 | US-4,961,224 | 10-02-1990 | Yung | |
| | A4 | US-5,113,499 | 05-12-1992 | Ankney et al. | |
| | A5 | US-5,226,143 | 07-06-1993 | Baird et al. | |
| | A6 | US-5,428,795 | 06-27-1995 | Johnson et al. | |
| | A7 | US-5,557,742 | 09-17-1996 | Smaha et al. | |
| | A8 | US-5,689,679 | 11-18-1997 | Jouppi | |
| | A9 | US-5,757,920 | 05-26-1998 | Misra et al. | |
| | A10 | US-5,765,153 | 06-09-1998 | Benantar et al. | |
| | A11 | US-5,793,966 | 08-11-1998 | Amstein et al. | |
| | A12 | US-5,812,776 | 09-22-1998 | Gifford | |
| | A13 | US-5,819,271 | 10-06-1998 | Mahoney et al. | |
| | A14 | US-5,826,029 | 10-20-1998 | Gore, Jr. et al. | |
| | A15 | US-5,842,212 | 11-24-1998 | Ballurio et al. | |
| | A16 | US-5,872,969 | 02-16-1999 | Copeland et al. | |
| | A17 | US-5,875,461 | 02-23-1999 | Lindholm | |
| | A18 | US-5,889,952 | 03-30-1999 | Hunnicutt et al. | |
| | A19 | US-5,892,903 | 04-06-1999 | Klaus | |
| | A20 | US-5,893,149 | 04-06-1999 | Hagersten et al. | |
| | A21 | US-5,903,878 | 05-11-1999 | Talati et al. | |
| | A22 | US-5,907,621 | 05-25-1999 | Bachman et al. | |
| | A23 | US-5,924,096 | 07-13-1999 | Draper et al. | |
| | A24 | US-5,940,394 | 08-17-1999 | Killian | |
| | A25 | US-5,944,780 | 08-31-1999 | Chase et al. | |
| | A26 | US-5,978,779 | 11-02-1999 | Stein et al. | |
| | A27 | US-5,991,771 | 11-23-1999 | Falls et al. | |
| | A28 | US-5,991,881 | 11-23-1999 | Conklin et al. | |
| | A29 | US-6,005,571 | 12-21-1999 | Pachauri | |
| | A30 | US-6,012,059 | 01-04-2000 | Neimat et al. | |
| | A31 | US-6,026,474 | 02-15-2000 | Carter et al. | |
| | A32 | US-6,028,605 | 02-22-2000 | Conrad et al. | |
| | A33 | US-6,029,195 | 02-22-2000 | Herz | |
| | A34 | US-6,032,227 | 02-29-2000 | Shaheen et al. | |
| | A35 | US-6,041,357 | 03-21-2000 | Kunzelman et al. | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60795152 v1

| | | | | | |
|---|---|----|----|--------------------------|----------------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| Sheet | 2 | of | 11 | Application Number | 09/886,515 |
| | | | | Filing Date | June 21, 2001 |
| | | | | First Named Inventor | Francisco J. Villavicencio |
| | | | | Art Unit | 2136 |
| | | | | Examiner Name | Ronald Baum |
| | | | | Attorney Docket Number | 021756-011800US |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | A36 | US-6,058,381 | 05-02-2000 | Nelson | |
| | A37 | US-6,058,480 | 05-02-2000 | Brown | |
| | A38 | US-6,061,799 | 05-09-2000 | Eldridge et al. | |
| | A39 | US-6,064,656 | 05-16-2000 | Angal et al. | |
| | A40 | US-6,073,174 | 06-06-2000 | Montgomerie et al. | |
| | A41 | US-6,081,518 | 06-27-2000 | Bowman-Amuah | |
| | A42 | US-6,088,679 | 07-11-2000 | Barkley | |
| | A43 | US-6,088,796 | 07-11-2000 | Cianfrocca et al. | |
| | A44 | US-6,119,167 | 09-12-2000 | Boyle et al. | |
| | A45 | US-6,133,916 | 10-17-2000 | Bukszar et al. | |
| | A46 | US-6,134,658 | 10-17-2000 | Multerer et al. | |
| | A47 | US-6,154,741 | 11-28-2000 | Feldman | |
| | A48 | US-6,157,925 | 12-05-2000 | Jenkins et al. | |
| | A49 | US-6,157,942 | 12-05-2000 | Chu et al. | |
| | A50 | US-6,163,844 | 12-19-2000 | Duncan et al. | |
| | A51 | US-6,170,013 B1 | 01-02-2001 | Murata | |
| | A52 | US-6,178,418 B1 | 01-23-2001 | Singer | |
| | A53 | US-6,182,086 B1 | 01-30-2001 | Lomet et al. | |
| | A54 | US-6,185,608 B1 | 02-06-2001 | Hon et al. | |
| | A55 | US-6,185,650 B1 | 02-06-2001 | Boonie et al. | |
| | A56 | US-6,192,476 B1 | 02-20-2001 | Gong | |
| | A57 | US-6,216,199 B1 | 04-10-2001 | DeKoning et al. | |
| | A58 | US-6,226,752 B1 | 05-01-2001 | Gupta et al. | |
| | A59 | US-6,230,185 B1 | 05-08-2001 | Salas et al. | |
| | A60 | US-6,233,576 B1 | 05-15-2001 | Lewis | |
| | A61 | US-6,233,618 B1 | 05-15-2001 | Shannon | |
| | A62 | US-6,240,360 B1 | 05-29-2001 | Phelan | |
| | A63 | US-6,240,414 B1 | 05-29-2001 | Beizer et al. | |
| | A64 | US-6,243,816 B1 | 06-05-2001 | Fang et al. | |
| | A65 | US-6,253,248 B1 | 06-26-2001 | Nakai et al. | |
| | A66 | US-6,275,916 B1 | 08-14-2001 | Weldon, Jr. et al. | |
| | A67 | US-6,275,944 B1 | 08-14-2001 | Kao et al. | |
| | A68 | US-6,279,001 B1 | 08-21-2001 | DeBettencourt et al. | |
| | A69 | US-6,282,546 B1 | 08-28-2001 | Gleichauf et al. | |
| | A70 | US-6,286,098 B1 | 09-04-2001 | Wenig et al. | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60795152 v1

| | | | | | |
|---|---|----|----|--------------------------|----------------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 09/886,515 |
| | | | | Filing Date | June 21, 2001 |
| | | | | First Named Inventor | Francisco J. Villavicencio |
| | | | | Art Unit | 2136 |
| | | | | Examiner Name | Ronald Baum |
| Sheet | 3 | of | 11 | Attorney Docket Number | |
| 021756-011800US | | | | | |

| U.S. PATENT DOCUMENTS | | | | | |
|------------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ² (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | A71 | US-6,289,462 B1 | 09-11-2001 | McNabb et al. | |
| | A72 | US-6,301,668 B1 | 10-09-2001 | Gleichauf et al. | |
| | A73 | US-6,311,269 B2 | 10-30-2001 | Luckenbaugh et al. | |
| | A74 | US-2001-0037469 A1 | 11-01-2001 | Gupta et al. | |
| | A75 | US-6,314,492 B1 | 11-06-2001 | Allen et al. | |
| | A76 | US-6,321,338 B1 | 11-20-2001 | Porras et al. | |
| | A77 | US-6,324,656 B1 | 11-27-2001 | Gleichauf et al. | |
| | A78 | US-2001-0054153 A1 | 12-20-2001 | Wheeler et al. | |
| | A79 | US-6,339,423 B1 | 01-15-2002 | Sampson et al. | |
| | A80 | US-6,345,266 B1 | 02-05-2002 | Ganguly et al. | |
| | A81 | US-6,347,374 B1 | 02-12-2002 | Drake et al. | |
| | A82 | US-6,357,010 B1 | 03-12-2002 | Viets et al. | |
| | A83 | US-6,374,359 B1 | 04-16-2002 | Shrader et al. | |
| | A84 | US-6,381,579 B1 | 04-30-2002 | Gervais et al. | |
| | A85 | US-6,385,653 B1 | 05-07-2002 | Sitaraman et al. | |
| | A86 | US-6,393,569 B1 | 05-21-2002 | Orensteyn | |
| | A87 | US-6,415,321 B1 | 07-02-2002 | Gleichauf et al. | |
| | A88 | US-2002-0091745 A1 | 07-11-2002 | Ramamurthy et al. | |
| | A89 | US-2002-0091798 A1 | 07-11-2002 | Joshi et al. | |
| | A90 | US-6,421,682 B1 | 07-16-2002 | Craig et al. | |
| | A91 | US-6,421,781 B1 | 07-16-2002 | Fox et al. | |
| | A92 | US-2002-0099671 A1 | 07-25-2002 | Mastin Crosbie et al. | |
| | A93 | US-6,430,688 B1 | 08-06-2002 | Kohl et al. | |
| | A94 | US-2002-0112083 A1 | 08-15-2002 | Joshi et al. | |
| | A95 | US-2002-0112155 A1 | 08-15-2002 | Martherus et al. | |
| | A96 | US-2002-0112185 A1 | 08-15-2002 | Hodges | |
| | A97 | US-2002-0116642 A1 | 08-22-2002 | Joshi et al. | |
| | A98 | US-2002-0120599 A1 | 08-29-2002 | Knouse et al. | |
| | A99 | US-6,453,342 B1 | 09-17-2002 | Himmel et al. | |
| | A100 | US-6,463,418 B1 | 10-08-2002 | Todd | |
| | A101 | US-6,463,509 B1 | 10-08-2002 | Teoman et al. | |
| | A102 | US-6,466,932 B1 | 10-15-2002 | Dennis et al. | |
| | A103 | US-6,470,386 B1 | 10-22-2002 | Combar et al. | |
| | A104 | US-2002-0165960 A1 | 11-07-2002 | Chan | |
| | A105 | US-6,487,663 B1 | 11-26-2002 | Jaisimha et al. | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|---|---|----|----|--------------------------|----------------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| Sheet | 4 | of | 11 | Application Number | 09/886,515 |
| | | | | Filing Date | June 21, 2001 |
| | | | | First Named Inventor | Francisco J. Villavicencio |
| | | | | Art Unit | 2136 |
| | | | | Examiner Name | Ronald Baum |
| | | | | Attorney Docket Number | 021756-011800US |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ^{2 (# known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| A106 | | US-6,499,107 B1 | 12-24-2002 | Gleichauf et al. | |
| A107 | | US-6,507,847 B1 | 01-14-2003 | Fleischman | |
| A108 | | US-6,513,056 B1 | 01-28-2003 | Copeland et al. | |
| A109 | | US-6,519,643 B1 | 02-11-2003 | Foulkes et al. | |
| A110 | | US-6,519,648 B1 | 02-11-2003 | Eyal | |
| A111 | | US-6,526,438 B1 | 02-25-2003 | Bienvenu et al. | |
| A112 | | US-6,526,447 B1 | 02-25-2003 | Giammaria | |
| A113 | | US-6,536,037 B1 | 03-18-2003 | Guheen et al. | |
| A114 | | US-6,539,382 B1 | 03-25-2003 | Byrne et al. | |
| A115 | | US-6,539,396 B1 | 03-25-2003 | Bowman-Amuah | |
| A116 | | US-6,542,993 B1 | 04-01-2003 | Erfani | |
| A117 | | US-2003-0074580 A1 | 04-17-2003 | Knouse et al. | |
| A118 | | US-6,557,039 B1 | 04-29-2003 | Leong et al. | |
| A119 | | US-6,578,147 B1 | 06-10-2003 | Shanklin et al. | |
| A120 | | US-6,584,548 B1 | 06-24-2003 | Bourne et al. | |
| A121 | | US-6,584,569 B2 | 06-24-2003 | Reshef et al. | |
| A122 | | US-6,591,347 B2 | 07-08-2003 | Tischler et al. | |
| A123 | | US-6,598,058 B2 | 07-22-2003 | Bird et al. | |
| A124 | | US-2003-0149737 A1 | 08-07-2003 | Lambert et al. | |
| A125 | | US-6,609,205 B1 | 08-19-2003 | Bernhard et al. | |
| A126 | | US-2003-0158897 A1 | 08-21-2003 | Ben-Natan et al. | |
| A127 | | US-6,615,218 B2 | 09-02-2003 | Mandal et al. | |
| A128 | | US-6,618,806 B1 | 09-09-2003 | Brown et al. | |
| A129 | | US-6,629,132 B1 | 09-30-2003 | Ganguly et al. | |
| A130 | | US-6,636,891 B1 | 10-21-2003 | LeClair et al. | |
| A131 | | US-6,640,307 B2 | 10-28-2003 | Viets et al. | |
| A132 | | US-6,647,393 B1 | 11-11-2003 | Dietterich et al. | |
| A133 | | US-6,668,322 B1 | 12-23-2003 | Wood et al. | |
| A134 | | US-6,675,261 B2 | 01-06-2004 | Shandony | |
| A135 | | US-6,678,828 B1 | 01-13-2004 | Pham et al. | |
| A136 | | US-6,691,232 B1 | 02-10-2004 | Wood et al. | |
| A137 | | US-6,697,849 B1 | 02-24-2004 | Carlson | |
| A138 | | US-6,711,632 B1 | 03-23-2004 | Chow et al. | |
| A139 | | US-6,718,328 B1 | 04-06-2004 | Norris | |
| A140 | | US-6,741,992 B1 | 05-25-2004 | McFadden | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|---|---|----|----|--------------------------|----------------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| Sheet | 5 | of | 11 | Application Number | 09/886,515 |
| | | | | Filing Date | June 21, 2001 |
| | | | | First Named Inventor | Francisco J. Villavicencio |
| | | | | Art Unit | 2136 |
| | | | | Examiner Name | Ronald Baum |
| | | | | Attorney Docket Number | |
| | | | | 021756-011800US | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ² (<i>if known</i>) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | A141 | US-6,742,126 B1 | 05-25-2004 | Mann et al. | |
| | A142 | US-6,745,221 B1 | 06-01-2004 | Ronca | |
| | A143 | US-6,748,447 B1 | 06-08-2004 | Basani et al. | |
| | A144 | US-6,754,696 B1 | 06-22-2004 | Kamath et al. | |
| | A145 | US-6,757,708 B1 | 06-29-2004 | Craig et al. | |
| | A146 | US-6,763,370 B1 | 07-13-2004 | Schmeidler et al. | |
| | A147 | US-6,772,214 B1 | 08-03-2004 | McClain et al. | |
| | A148 | US-6,775,704 B1 | 08-10-2004 | Watson et al. | |
| | A149 | US-6,779,120 B1 | 08-17-2004 | Valente et al. | |
| | A150 | US-6,782,379 B2 | 08-24-2004 | Lee | |
| | A151 | US-6,804,221 B1 | 10-12-2004 | Magret et al. | |
| | A152 | US-6,859,834 B1 | 02-22-2005 | Arora et al. | |
| | A153 | US-6,868,406 B1 | 03-15-2005 | Ogg et al. | |
| | A154 | US-6,879,995 B1 | 04-12-2005 | Chinta et al. | |
| | A155 | US-6,901,433 B2 | 05-31-2005 | San Andres et al. | |
| | A156 | US-6,957,237 B1 | 10-18-2005 | Traversat et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|--|--------------------------------|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (<i>if known</i>) | | |
| | B1 | | | | | |
| | B2 | | | | | |
| | B3 | | | | | |
| | B4 | | | | | |
| | B5 | | | | | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

60795152 v1

| | | | | | |
|-------------------------------|---|----|----|---------------------------------|----------------------------|
| Substitute for form 1449B/PTO | | | | <i>Complete if Known</i> | |
| | | | | <i>Application Number</i> | 09/886,515 |
| | | | | <i>Filing Date</i> | June 21, 2001 |
| | | | | <i>First Named Inventor</i> | Francisco J. Villavicencio |
| | | | | <i>Art Unit</i> | 2136 |
| | | | | <i>Examiner Name</i> | Ronald Baum |
| Sheet | 6 | of | 11 | <i>Attorney Docket Number</i> | 021756-011800US |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|---|--------------------------|
| | C1 | Barrett, Debbie, "Diary Of A Break-And-Enter, Cyber Style," Technology in Government, p. 22, January 2000 | <input type="checkbox"/> |
| | C2 | Cholter, William La et al., "IBAN: Intrusion Blocker Based On Active Networks," Proceedings of the DARPA Active Networks Conference and Exposition (DANCE'02), 11 pages, 2002 | <input type="checkbox"/> |
| | C3 | "DNS - Contents," http://www2.rad.com/networks/1998/dns/main.htm , 15 pages, December 7, 1999 | <input type="checkbox"/> |
| | C4 | Easter, C., "Method To Report Access Control Of LAN Server Resources On A Per User Basis," IBM Technical Disclosure Bulletin, p. 172, April 1992 | <input type="checkbox"/> |
| | C5 | Good, G., "The LDAP Data Interchange Format (LDIF) - Technical Specification," RFC 2849, 14 pages, June 2000 | <input type="checkbox"/> |
| | C6 | Hayes, Jeff, "Policy-Based Authentication And Authorization: Secure Access To The Network Infrastructure," IEEE, pp. 328-333, 2000 | <input type="checkbox"/> |
| | C7 | Hewlett-Packard, "HP Introduces Next-Generation Web Authorization Products For E-Business," Press Release, 3 pages, January 18, 1999 | <input type="checkbox"/> |
| | C8 | Hewlett-Packard, "HP Introduces Security For Microsoft NT Extranets, Portals And E-Services," Press Release, 3 pages, January 17, 2000 | <input type="checkbox"/> |
| | C9 | Hewlett-Packard, "HP Provides Unprecedented Range Of Authentication Options," Press Release, 3 pages, September 1, 1999 | <input type="checkbox"/> |
| | C10 | Hodges, J. et al., "Lightweight Directory Access Protocol (v3): Extension For Transport Layer Security," RFC 2830, 12 pages, May 2000 | <input type="checkbox"/> |
| | C11 | Howard, L., "An Approach For Using LDAP As A Network Information Service," RFC 2307, 20 pages, March 1998 | <input type="checkbox"/> |
| | C12 | Janis, "Reference Monitor-Creating Group Membership, IBM Technical Disclosure Bulletin, p. 431, March 1990 | <input type="checkbox"/> |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|-------------------------------|---|----|----|-------------------------------|----------------------------|
| Substitute for form 1449B/PTO | | | | <i>Complete if Known</i> | |
| | | | | <i>Application Number</i> | 09/886,515 |
| | | | | <i>Filing Date</i> | June 21, 2001 |
| | | | | <i>First Named Inventor</i> | Francisco J. Villavicencio |
| | | | | <i>Art Unit</i> | 2136 |
| | | | | <i>Examiner Name</i> | Ronald Baum |
| Sheet | 7 | of | 11 | <i>Attorney Docket Number</i> | 021756-011800US |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|---|--------------------------|--|--|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | | |
| | C13 | Luciani, J. et al., "Server Cache Synchronization Protocol (SCSP)," RFC 2334, 39 pages, April 1998 | <input type="checkbox"/> | | |
| | C14 | Netscape Communications Corporation, "Introduction To SSL," http://developer.netscape.com/docs/manuals/security/ssl/index.htm , 12 pages, October 9, 1998 | <input type="checkbox"/> | | |
| | C15 | Oblix, Inc., "Oblix CSA Solution Administration Guide," Version 3.5, 328 pages, 1999 | <input type="checkbox"/> | | |
| | C16 | Park, Joon S. et al., "Secure Cookies On The Web," IEEE Internet Computing, pp. 36-44, July/August 2002 | <input type="checkbox"/> | | |
| | C17 | Pfitzmann, Birgit et al., "Analysis Of Liberty Single-Sign-On With Enabled Clients," IEEE Internet Computing, pp. 38-44, November/December 2003 | <input type="checkbox"/> | | |
| | C18 | Phipattanasuphorn, Veradej et al., "Vulnerability Of Sensor Networks To Unauthorized Traversal And Monitoring," IEEE Transactions on Computers, Vol. 53, No. 3, pp. 364-369, March 2004 | <input type="checkbox"/> | | |
| | C19 | Piscitello, David M. et al., "Project Guards Laptop And Desktop Data," InfoWorld, pp. 48 and 54, June 21, 1999 | <input type="checkbox"/> | | |
| | C20 | Skaggs, B. et al., "Network Vulnerability Analysis," IEEE, pp. III-493-III-495, 2002 | <input type="checkbox"/> | | |
| | C21 | Stokes, E. et al., "Access Control Requirements For LDAP," RFC 2820, 9 pages, May 2000 | <input type="checkbox"/> | | |
| | C22 | US Patent Application No. 09/792,911, Office Action dated September 9, 2004, 18 pages | <input type="checkbox"/> | | |
| | C23 | US Patent Application No. 09/792,911, Final Office Action dated May 9, 2005, 17 pages | <input type="checkbox"/> | | |
| | C24 | US Patent Application No. 09/792,911, Advisory Action dated August 9, 2005, 3 pages | <input type="checkbox"/> | | |
| Examiner Signature | | | Date Considered | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|-------------------------------|---|----|----|---------------------------------|----------------------------|
| Substitute for form 1449B/PTO | | | | <i>Complete if Known</i> | |
| | | | | <i>Application Number</i> | 09/886,515 |
| | | | | <i>Filing Date</i> | June 21, 2001 |
| | | | | <i>First Named Inventor</i> | Francisco J. Villavicencio |
| | | | | <i>Art Unit</i> | 2136 |
| | | | | <i>Examiner Name</i> | Ronald Baum |
| Sheet | 8 | of | 11 | <i>Attorney Docket Number</i> | 021756-011800US |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|--|-----------------------|---|--------------------------|--|--|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | | |
| | C25 | US Patent Application No. 09/792,911, Office Action dated December 2, 2005, 13 pages | <input type="checkbox"/> | | |
| | C26 | US Patent Application No. 09/792,915, Office Action dated July 23, 2004, 17 pages | <input type="checkbox"/> | | |
| | C27 | US Patent Application No. 09/792,915, Final Office Action dated March 8, 2005, 19 pages | <input type="checkbox"/> | | |
| | C28 | US Patent Application No. 09/792,915, Final Office Action dated June 30, 2005, 18 pages | <input type="checkbox"/> | | |
| | C29 | US Patent Application No. 09/792,915, Office Action dated October 4, 2005, 17 pages | <input type="checkbox"/> | | |
| | C30 | US Patent Application No. 09/792,918, Office Action dated September 8, 2004, 22 pages | <input type="checkbox"/> | | |
| | C31 | US Patent Application No. 09/792,918, Final Office Action dated June 21, 2005, 16 pages | <input type="checkbox"/> | | |
| | C32 | US Patent Application No. 09/792,918, Advisory Action dated September 20, 2005, 3 pages | <input type="checkbox"/> | | |
| | C33 | US Patent Application No. 09/792,934, Office Action dated September 21, 2004, 19 pages | <input type="checkbox"/> | | |
| | C34 | US Patent Application No. 09/792,934, Final Office Action dated June 2, 2005, 10 pages | <input type="checkbox"/> | | |
| | C35 | US Patent Application No. 09/792,934, Office Action dated August 19, 2005, 5 pages | <input type="checkbox"/> | | |
| | C36 | US Patent Application No. 09/793,196, Office Action dated July 14, 2004, 19 pages | <input type="checkbox"/> | | |
| Examiner Signature | | | Date Considered | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|-------------------------------|---|----|----|---------------------------------|----------------------------|
| Substitute for form 1449B/PTO | | | | <i>Complete if Known</i> | |
| | | | | <i>Application Number</i> | 09/886,515 |
| | | | | <i>Filing Date</i> | June 21, 2001 |
| | | | | <i>First Named Inventor</i> | Francisco J. Villavicencio |
| | | | | <i>Art Unit</i> | 2136 |
| | | | | <i>Examiner Name</i> | Ronald Baum |
| Sheet | 9 | of | 11 | <i>Attorney Docket Number</i> | 021756-011800US |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|--|-----------------------|---|--------------------------|--|--|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | | |
| | C37 | US Patent Application No. 09/793,196, Final Office Action dated March 8, 2005, 15 pages | <input type="checkbox"/> | | |
| | C38 | US Patent Application No. 09/793,196, Advisory Action dated July 21, 2005, 3 pages | <input type="checkbox"/> | | |
| | C39 | US Patent Application No. 09/793,196, Office Action dated December 13, 2005, 12 pages | <input type="checkbox"/> | | |
| | C40 | US Patent Application No. 09/793,320, Office Action dated August 4, 2004, 18 pages | <input type="checkbox"/> | | |
| | C41 | US Patent Application No. 09/793,320, Final Office Action dated May 10, 2005, 19 pages | <input type="checkbox"/> | | |
| | C42 | US Patent Application No. 09/793,320, Office Action dated September 20, 2005, 15 pages | <input type="checkbox"/> | | |
| | C43 | US Patent Application No. 09/793,320, Final Office Action dated March 17, 2006, 18 pages | <input type="checkbox"/> | | |
| | C44 | US Patent Application No. 09/793,354, Office Action dated October 1, 2003, 12 pages | <input type="checkbox"/> | | |
| | C45 | US Patent Application No. 09/793,354, Final Office Action dated April 19, 2004, 15 pages | <input type="checkbox"/> | | |
| | C46 | US Patent Application No. 09/793,354, Office Action dated January 4, 2005, 11 pages | <input type="checkbox"/> | | |
| | C47 | US Patent Application No. 09/793,354, Final Office Action dated August 26, 2005, 9 pages | <input type="checkbox"/> | | |
| | C48 | US Patent Application No. 09/793,354, Advisory Action dated December 15, 2005, 3 pages | <input type="checkbox"/> | | |
| Examiner Signature | | | Date Considered | | |

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|-------------------------------|----|----|----|-------------------------------|----------------------------|
| Substitute for form 1449B/PTO | | | | <i>Complete if Known</i> | |
| | | | | <i>Application Number</i> | 09/886,515 |
| | | | | <i>Filing Date</i> | June 21, 2001 |
| | | | | <i>First Named Inventor</i> | Francisco J. Villavicencio |
| | | | | <i>Art Unit</i> | 2136 |
| | | | | <i>Examiner Name</i> | Ronald Baum |
| Sheet | 10 | of | 11 | <i>Attorney Docket Number</i> | 021756-011800US |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|---|--------------------------|--|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| | C49 | US Patent Application No. 09/793,355, Office Action dated March 12, 2004, 13 pages | <input type="checkbox"/> | |
| | C50 | US Patent Application No. 09/793,355, Final Office Action dated April 6, 2005, 16 pages | <input type="checkbox"/> | |
| | C51 | US Patent Application No. 09/793,355, Advisory Action dated June 21, 2005, 7 pages | <input type="checkbox"/> | |
| | C52 | US Patent Application No. 09/793,355, Office Action dated September 7, 2005, 13 pages | <input type="checkbox"/> | |
| | C53 | US Patent Application No. 09/793,658; Office Action dated September 9, 2004, 14 pages | <input type="checkbox"/> | |
| | C54 | US Patent Application No. 09/793,658, Final Office Action dated November 2, 2005, 16 pages | <input type="checkbox"/> | |
| | C55 | US Patent Application No. 09/793,658, Advisory Action dated January 31, 2006, 3 pages | <input type="checkbox"/> | |
| | C56 | US Patent Application No. 09/814,091, Office Action dated July 14, 2004, 22 pages | <input type="checkbox"/> | |
| | C57 | US Patent Application No. 09/814,091, Final Office Action dated April 8, 2005, 24 pages | <input type="checkbox"/> | |
| | C58 | US Patent Application No. 09/814,091, Advisory Action dated July 5, 2005, 3 pages | <input type="checkbox"/> | |
| | C59 | US Patent Application No. 09/814,091, Office Action dated November 1, 2005, 18 pages | <input type="checkbox"/> | |
| | C60 | US Patent Application No. 09/814,091, Office Action dated May 3, 2006, 7 pages | <input type="checkbox"/> | |
| Examiner Signature | | | Date Considered | |

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|-------------------------------|----|----|----|---------------------------------|----------------------------|
| Substitute for form 1449B/PTO | | | | <i>Complete if Known</i> | |
| | | | | <i>Application Number</i> | 09/886,515 |
| | | | | <i>Filing Date</i> | June 21, 2001 |
| | | | | <i>First Named Inventor</i> | Francisco J. Villavicencio |
| | | | | <i>Art Unit</i> | 2136 |
| | | | | <i>Examiner Name</i> | Ronald Baum |
| Sheet | 11 | of | 11 | <i>Attorney Docket Number</i> | 021756-011800US |

| NON PATENT LITERATURE DOCUMENTS | | | |
|--|-----------------------|---|--------------------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | C61 | Wahl, M. et al., "Authentication Methods For LDAP," RFC 2829, 16 pages, May 2000 | <input type="checkbox"/> |
| | C62 | Wahl, M. et al., "Lightweight Directory Access Protocol (v3)," RFC 2251, 48 pages, December 1997 | <input type="checkbox"/> |
| | C63 | Wu, Kun-Lung et al., "Personalization With Dynamic Profiler," IEEE, pp. 12-20, 2001 | <input type="checkbox"/> |
| | C64 | Yaacovi, Y. et al., "Lightweight Directory Access Protocol (v3): Extensions For Dynamic Directory Services," RFC 2589, 12 pages, May 1999 | <input type="checkbox"/> |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.